THE

VALLEY FARMER:

A Monthly Agricultural Journal,

DESIGNED TO BENEFIT THE

PLANTER, FARMER, GARDENER, FRUIT GROWER AND STOCK RAISER.

EMBELLISHED AND ILLUSTRATED WITH NUMEROUS ENGRAVINGS.

NORMAN J. COLMAN, Editor and Proprietor.

VOLUME XIII—1861.

Published by N. J. Colman, St. Louis, Mo. and A. Gunter, Louisville, Ky.

THE

VALLEY FARMER:

A Horticultural Agricultural Journal,

DEVOTED TO

FARMING, GARDENING, FRUIT
GROWING AND STOCK RAISING.

EDITED BY J. COLMAN, Editor and Proprietor.

VOLUME XIII—1861.

Published by J. J. Colman, St. Louis, Mo. and A. Bowen, Louisville, Ky.

THE LIBRARY
THE UNIVERSITY
OF TEXAS

INDEX TO VOLUME XIII.

Agricultural convention, Mo. 95
Agriculture, fixed facts in, 266
history of, 100, 135, 168
the art of, 4
Virgil on, 197
Air to the roots of growing crops, importance of, 289
Alexander's, R.A. farm and stock, 73
Almond, sweet hard shell, 344
Alpaca, the, 336
Animal life, duration of, 304
An evening's reading, 74
Apiary, the, 26, 56, 90, 121, 153, 216
Apple butter, to make, 351
trees, dwarf, 216
tree, the largest in Amer. 369
Apples in barrels, to ventilate, 369
dwarf, 374
Army worm, 193, 225, 254, 293, 297
Asters, German China, 181
A voice from Egypt, 163

B

Banner Chief, description of, 80
Barley, fall, 328
Barn for prairies, 137
Barometer, the, 138
Bee moth trap, 363
Bees, battle of, 248
Italian, 248
Mexican, 56
Beekeeping, the new system of, 26
Black Knot, 49
Bloat in cattle, 205, 238
Book-keeping for farmers, 231
Boots made water-proof, 358
Borer, peach tree, 62, 244, 246
Botanical explanations, 278
Brahmin cattle, 204
Breeding, perfection in, 108
Breeds best for milk, 15
Buckwheat—its culture, 196
Budding, 211
Burdock, to kill, 293
Butter, 268
Goshen, how made, 47
making in New York, 174
packing in firkins, 365
to keep sweet, 368

C

Camel in Texas, 48
Carrots, medical qualities of, 287
Catawissa raspberry, 54, 117
Cattle, names of external parts, 240
choked, to relieve, 47
loss of cud, 45
soiling, 108
to cure garget in, 368
weighed by measure, 334
Cheese making, 173
Chester county pigs, 176
Clearing new lands, 358
Climbing plants, 242
Clover, facts about, 199
and meadow lands, 40
and timothy culture, 66
hay, 167
red, 69
Coal oil, a cure for disease, 170
Coffee, 154
substitutes for, 260
Colonization, 105
Colts, breaking, 303
Cork oak, 7
Corn, as a shade for fruit trees, 309
crops, large, 36
house, rat-proof, 200
selecting seed, 362
the value of, 291
Covering land with straw, 295
Cows, abortion in, 172
calving, management of, 44
food for, after calving, 237
garget in, 272
how to increase value of, 270
kindness towards, 203
milk fever in, 334
parturition in, 141
profit of, 76
the, 300
Crops, improvement in culture, 33
succession, 230
Cross-breed of animals, 268
Croup cure, 60
Cuba, Mo., letter from, 67
Curculio, not cause of black knot, 49
remedy, 150

D

Dairying in the West, 12
Delaware grape, 51
Design for a small villa, 264
Dew, 228
Dewberry, 243, 344
Dog distemper, 208, 287, 302, 367
show, English, 143
the shepherd's, 110
Downer's prolific strawberry, 212
Drain and water pipes, 6
Drainage, principles of, 131
Draining, our first experiment, 34
with the mole plow, 3
Dwellings, warming, 38

E

Earth floors for colts, 365
Editor's table, 30, 62, 95, 125, 158 190, 222, 254, 287, 318, 350, 379.
Eggs, fresh the year round, 327
in winter, 55
pickling, preserving, 55, 217
sex of, 217
Evergreens, death of, 21
Extremes have their uses, 194

F

Fairs, law and order at, 4
market, 232
Farm cottage, 233, 329
notes, 10, 40, 65, 97, 129, 162
Farmer's bank, 41
beautify your homes, 116
hints to, 294
neighborhood clubs, 355
the home for, 133
Farming implements, care of, 195
a speculation, 105
good, will it pay? 353
importance of good, 290
most profitable kind, 262
the true system of, 1
unprofitable, 359
Fire-proof wash for shingles, 66
Fish breeding, 261
Flower beds, new bordering, 22
Fowls diseases of, 217
the best, 55
Fruit culture, climate of Ky. on, 311
Fruits, a list for a farm of 80 or 100 acres, 54
Fruits and synonyms, 114
Fruit grower's society of Western New York, 177, 209
Fruit growers, a visit to, 241
Fruit packing, 279
winter, how to keep, 318

G

Garden, a coat for, 274
look to, 339
Garden and orchard, monthly notes for, 24, 52, 86, 116, 179, 244, 275, 309, 341, 371.
Gardening, history of, 100, 135, 168
Geese, 55
Gophers, to kill, 71
to trap, 5
Grain crop of the N.W. States, 98
how to sow by hand, 265
Grape, a new one, 278
crop and new varieties, 180 214
crop of 1861, 305
culture, 245
grafting, 180, 374
growing, Kelley's Island, 20
hints on, 115
the Delaware, 51
Grapes, the new, 53
foreign, in Missouri, 372

H

Hams, curing, 11, 39, 112, 287
Harness blacking, 363
Harness, care of, 175
Hay mow, measuring, 226
Heliotropes, 369
Herbs, to preserve, 276
Hints for Oct. 318
Nov. 321
Hog cholera, 64, 364
Hogs, diseases of, 208
fattening, 332
killing, 325
care of, 45
charcoal for, 173
how to raise, 366
in meadows, 362
quinsy in, 237, 287
thumps in, 239, 333
Horse barbering, 240
docking the tail, 14
flies teasing, a preventive, 367
names of external parts, 304
points of, 78
stables, 13
the Norman, 368
wild and domesticated, 46
Horses, administering medicine, 271
age by the teeth, 175
breaking, 239
catching, 143
colic in, 16, 109, 270
contraction of feet, 238
cramp in, 335
directions to purchasers, 265
diseases of, 172
eyes, to remove film, 43
lampas in, 112, 302
lock-jaw, 365
raising, 301
soundness in, 16
staggers in, 48, 336
sweeny in, 271
to hold a hard-headed, 367
trotting too young, 334
why they kick, 332
worms in, 80
Hungarian grass, is it injurious as food for stock? 44
Husbandry, mixed, 356
Hydrophobia, remedies, 43

I

Ice houses, 265
Industry is king, 103
Irrigation, 232
Itch and mange, remedy for, 367

J

Jacks, remedy for the breaking out on the inside of hock joints, 112

412657

K

Kentucky horticultural society, report of, . . . 17

L

Lactometer, . . . 272
Land, when to clear, . 222
Laying out a place, . 104
Leaves, falling of, . 42
Lightning rods, utility of, 7
Lime, as a manure, 298, 322
Looms and spinning wheels, 361

M

Manures, . . . 227
Manuring, surface, . 196
Mares, breeding, care of, 238
parturition in, 141
Meadow and clover lands, 40
Meadows, pasturing, 136
Meramec horticultural society, 25, 87, 120, 151, 215, 247, 280, 308, 343, 373.
Mildew on vines, and sulphur, 212
Milk, best breed for, . 15
best depth for setting, 271
taste of garlic in, 300
Milking cows, . . 236
Mo. agricultural convention, 95
Mo. state fruit growers' association 89, 118, 152, 182.
Mowing lawns, . . 216
Mulching, . . 266
Mules, facts about, . 111
Muskeet grass, . 271

N

Norton's Virginia seedling, 121
Nursing, . . 11
Nutmeg, the, . . 187

O

Oats, culture of, . . 63
Orchard and vineyard, . 19
Orchards (young) in grass lands, 151
Osage co. agr. and mech. assn. 72
Osier willow, culture of, 357

P

Paint for out-door work, 168
Pasturing meadows, . 136
Patent office report for 1860, 350
Peaches, . . . 306
Peach culture, . . 246
Pears on quince, . 211
Pheasant, the golden, . 140
Philosophy for farmers, 102, 130, 165, 201, 234, 258, 292, 324.
Plant lice, aphides, 281, 297
Plants, diseases of, 106, 164
Plants, growth of, and the proper preparation of the soil for, 101
Plows, left-hand, . 136
steam, . . 8
Plowing, and plowing matches, 70
sub-soil, . 70
Potato planting, . 166
Poultry house, lice in, 217
Prairies, origin of, . 167
Pruning, . . 145
fruit trees, . 337
roots of fruit trees, 22

Q

Quince, culture of, . 312
the, . . 369
Quinsy in hogs, . . 237, 287

R

Raspberry, the catawissa, 54, 117
Rat driver, . . . 328
Receipts, Domestic, 27, 57, 91, 124, 157, 189, 221, 253, 286, 317, 349, 378
Residence, a country, . 169
Rhubarb, drying, . 213
Roofing (cheap) for houses, 164
Rose, culture of, 113, 147
Rotation of crops, 68, 228, 298, 330
Rye, sow more, . . 265

S

Salt, importance of, to animals, 172
and saltpetre on meat, 363
to destroy insects, 257
School house, design for, 296
Scours in lambs, . 365
Scours in young colts, treatment, 79
Scratches, cure for, . 47
Seasoning timber, &c. . 38
Shade trees for towns, . 50
Sheep, shelter for, . 334
will the ewe breed twice in one year, . . 334
Shrubs, hardy, . . 114
Smokehouse, a good, . 361
Soils, effects of shade on, 267
causes of fertility in, 362
improving, . 260
Sores, remedy for, . 368
Sows, fat, . . 203
why they destroy young, 335
Spontaneous generation of plants and animals, . . 35
Stock raiser, items for, 109
salt and water for, 47
winter care of, . 14
St. Louis nursery, first prem. to, 84
Stone, liquid, . . 162
Storms, &c. indicated by barom., 138
Strawberries, 70 bush. an acre, 214
a word about, 277
transportation of, 273
Strawberry beds, renovating, 245
Sub-soil plowing, . 70
Swine, . . . 79
care of, . . 269
to free from vermin, 269
Swiss cheese, how made, 272

T

Tallow, vegetable, . 219
The soil breathes, . 231
Thermometers, metallic, 5
Tile machines, . . 235
Timothy and clover culture, 66
To prevent rabbits barking trees, 374
Tobacco curing, new process, 287
Tomatoes, how to bake, 247
Trees to plant, selecting, 147

V

Vine—producing new varieties, 340
Vineyard, . . 19
calender, 23, 53, 87, 115 148, 179, 213, 242, 279, 306, 344, 370.
Vineyard, preparing ground, 50

W

Water-fence, automaton, 132
Weather in N.E. Missouri, 126
Wheat, aspect for winter, 225
how much seed per acre, 226
Japanese, . 354
mulching, . 260
seed, . . 262
when to cut, . 171
Whey oil, how to make, 336
Wine making, new discovery, 287
to make, . . 307
Worms, kidney, . 108

Z

Zinnia, the double, . 178

Miscellaneous Reading.

A great man's advice to a young lady, . . . 156
American antiquities, . 155
A rural picture—poetry, 347
As you have opportunity, 58
Autumn leaves—poetry, 313
Better late than never—poetry, 377
Breakfast, early, . 93
Cave, mammoth, . 28
Children, rearing, 61, 345
Dyspepsia, remedies for, 377
Evening thoughts—poetry, 218
Every day—poetry, . 251
Facts and fancies, . 314, 347
Farmers—poetry, . 188
Fruits—poetry, . 213
Gentle words—poetry, . 219
Healthful observances, 250
Hints, . . . 284
useful, . . 122, 249
Home conversation, . 250
Homesteads, cheap, . 61
Houses, small, . . 314
Human nature, . . 313
Humorous clippings, 220, 252, 285, 316, 348.
Kind manners, . . 188
Knitting, . . 376
Live for something—poetry, 29
Maize and tobacco—poetry, 285
Neighbor Nelly—poetry, 346
Old friends together—poetry, 219
Ole Bull, . . 346
Oratory, . . 375
Physical culture, . 282
Poverty a blessing, . 28
Rain, . . . 60
Reading, . . 155
Right style of men, . 219
Strive for the best—poetry, 61
Swearing, . . 156
Table manners, . 93
Teeth, the, . . 92
The farmer boy—poetry, 123
The Goddess of Poverty. 315
The seven wonders, 123
To young men, . . 60
Trouting, . . 185
Twilight—poetry, . 314
What makes a man, . 92
Wilt thou love her still—poetry, 315
Winter rules, . . 29
Work and think—poetry, 94

Illustrations.

Points of the horse, 78, 304
Banner Chief, . . 80
Planting and training grape vines, 82, 83
Laying out a place, . 104
Shepherd's dog, . 110
Chester white boar "Missouri", 112
A prairie barn, . . 137
The Golden Pheasant, . 140
The hogs, Young Princess and sister, . . . 144
Pruning, . . 145, 146
A country residence, . 169
Brahmin bull, . . 204
Farm cottage. . . 233, 329
Points of the cow, . 240
Small villa, . . 264
Lactometer, . . 272
District school house, . 296
Breaking colts, . 303
The Alpaca, . . 336
The Norman horse, . 369